

July 23 - 27, 2007

Maine Lakes Conservancy Institute



Lake Science Academy

Enhance your capacity for teaching about
the science of freshwater ecology.

A team of experienced educators from the Maine Lakes Conservancy Institute (MLCI) and other organizations are collaborating to present this interdisciplinary lake science course for high school science teachers. A host of dynamic presenters will participate, including scientists/researchers from state and federal government, public and private Universities and Colleges, as well as companies and NGO's dealing with lake resource issues; in short, the best people in the region.

The Lake Science Academy offers a stimulating, hands-on, place-based, bioregional, service oriented, environmental science model curriculum. Not only will the Lake Science Academy provide top-notch, exciting professional development, but strong emphasis will be focused on meeting teacher's needs. This includes helping teachers develop and sustain important relationships with co-participants, or teaching colleagues, as well as water resource professionals who will be willing to assist with questions in the classroom down the road.

The Lake Science Academy will:

- Raise high school science teachers awareness about threats to lakes and inform them about initiatives and service learning projects that promote stewardship of lake resources;
- Provide an accessible, environmentally friendly, technologically relevant, field-based experience for high school science teachers to investigate lake ecology;
- Assist high school science teachers in integrating lake science and conservation principles and skills into physics, chemistry, and biology classes;
- Expose high school science teachers, and their students indirectly, to careers related to water resources;
- Disseminate the latest research findings on issues pertaining to preservation and management of lakes.

Compensation & Requirements

- Each participant selected will receive a stipend of \$400 (paid after successful completion of all components of the summer academy) as well as a travel reimbursement of \$50.
- Participants must bring a laptop to the Academy for the technology integration component.
- Action plan- Each participant will identify goals and a timeline for integrating components of the Lake Academy into his/her curriculum. Educators will receive support and feedback on their action plans.

Hosted at the lakeside Kennedy Learning Center, Camp Kieve, Nobleboro, ME

<http://www.kieve.org/KLC/index.htm>

 Admissions reviewed on an on-going basis.

For more information, contact:

Rex Turner, Lake Science Educator

Maine Lakes Conservancy Institute

PO Box 55, Nobleboro, ME 04555

(207) 563-5253

rturner@mlci.org



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APPLICATION

1. Name: _____

2. Address: _____

Town/City: _____ State: _____

Country: _____ Zip Code: _____

3. Phone: _____

4. Email: _____

5. School: _____

Address: _____

Town/City: _____ State: _____

Country: _____ Zip Code: _____

School Phone: _____

6. Number of Years Teaching: _____

Essay Question: PLEASE ANSWER ON SEPERATE PAPER

A. How do you see yourself integrating what you learn at the Academy into your teaching? Also, what aspect of the Lake Science Academy, as described, is most appealing to you and why? (maximim 1 page)

SEND APPLICATIONS TO: Rex Turner, Maine Lakes Conservancy Institute, P.O. Box 55, Nobleboro, ME 04555.

QUESTIONS: call Rex at 207-563-5253 or email: rturner@mlci.org